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Solutions



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Precision Control, always

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ECONOMIC HMI



Features :

- ARM Cortex A8 processor, high speed and easy flow, supporting animation formats.
- ABS+PC enclosure, low cost and high stability.
- Spray coating treatment and applicable to various harsh environment.
- High resolution, high brightness, LED backlight, LCD, energy-saving and environmental protection.
- Simplified double-line communication port, supporting USB connection, U-disk storage and downloading.

Type	SZ4043C	SZ4070C	SZ4070CE	SZ4070E	SZ4097C	SZ4097E
Display	4.3" TFT LCD		7" TFT LCD		9.7" TFT CD	
Resolution (WxH)	480 x 272		800 x 480		1024 x 768	
Colors			24-bit Colors		16-bit Colors	
Brightness	420 cd/m2		360 cd/m2		350 cd/m2	
Backlight	LED					
Backlight Life	50000 hours					
Touch Panel	4 wires resistive touch screen					
CPU	600MHz ARM Cortex-A8					
Memory	128MB Flash + 128MB DDR3					
RTC	Built in					
Ethernet	N/A	N/A	10M/100M		N/A	10M/100M
SD Card	N/A	N/A	Supporting		N/A	Supporting
USB Port	USB Host 2.0*1, USB Device 2.0*1					
Download Project	U-Disk/USB Device		U-Disk/USB Device/ SDCard/ Ethernet		USB Host/USB Device	
COM Port	COM1: RS232/RS485/RS422 COM2/COM4: RS485		COM1/COM2: RS232/RS485/RS422 COM3/COM4: RS232		COM1: RS232/RS485/RS422 COM3: RS232	
Power Consumption	<5W		<10W		<10W	
Input Power	DC 24V, Input Range: DC 9V-28V		DC 24V, Input Range: DC 18V-28V		DC 24V, Input Range: DC 9V-28V	
Degree of Protection	Protected from thunder strike and surging		Isolated power supply, protected from thunder strike and surging		Protected from thunder strike and surging	
Power Down Allowed	< 5ms					
CE & RoHS	Complied with EN61000-6-2: 2005, EN61000-6-4: 2007 RoHS					
Operating Temperature	Surge Immunity: ±1kV, EFT: ±2kV, ESD 4kV, Air-8kV					
Storage Temperature	-0-50°C					
Operating Humidity	-20-60°C					
Vibration Endurance	10-90%RH (No Condensation)					
Cooling	10-25Hz (X/Y/Z 2G/30Min)					
Degree of Protection	Natural air cooling					
Shell Material	Front IP65 (with NEMA Panel), Back IP20					
Panel Cutout (WxH)	120mm x 93mm		192mm x 138mm		259mm x 201mm	
Dimension	128 x 102mm x 32mm		204mm x 145mm x 44.5mm		276mm x 213mm x 39mm	
Weight	About 430g		About 900g		About 1360g	
			About 650g		About 1000g	

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MULTI - TOUCH CAPACITIVE HMI



Features :

- Projected capacitive, multi-touch Glass+ Glass HMI, nimble touch, highlight transmittance, anti-scratching, no drifting.
- IPS full view TFT LCD, high resolution, high brightness, clear under sunshine.
- ARM Cortex A8 processor, high speed and easy flow, supporting animation formats.
- Supporting multi-touch and gesture, specific page effect can be realized.
- Optional for high quality and economic products.

Type	SZ007	SZ010	SZ070	SZ0807X	SZ0170	SZ0200
Display	7" 16:9 TFT LCD, IPS	9.7" 4:3 TFT LCD, IPS	7" 16:9 TFT LCD, full view	9.7" 4:3 TFT LCD, full view	17" TFT LCD, full HD, wide	22" TFT LCD, full HD, wide
Resolution (WxH)	1024 x 600	1024 x 768	1024 x 600	1024 x 768	1280 x 1024	1920 x 1080
Colors	24-bit Colors				16-bit Colors	
Brightness	450 cd/m ²	350 cd/m ²	450 cd/m ²	350 cd/m ²	350 cd/m ²	250 cd/m ²
Backlight	LED					
Backlight Life	50000 hours					
Touch Panel	Glass + Glass projective multi-touch capacitive HMI					
CPU	600MHz ARM Cortex-A8				800MHz ARM Cortex-A8	
Memory	128MB Flash + 128MB DDR3				256MB Flash + 256MB DDR3	
RTC	Built in					
Ethernet	10M/100M Ethernet					
SD Card	Supporting					
USB Port	1USB Host 2.0, 1USB Device 2.0					
Download Project	USB Disk/ USB Device/Ethernet					
COM Port	COM1: RS232/RS485/RS422 COM2/COM4: RS485		COM1/COM2: RS232/RS485/RS422 COM3/COM4: RS232		COM1/COM2: RS232/RS485/RS422 COM3: RS232	
Power Consumption	<6W		<8W		<18W	<20W
Input Power	DC 24V, Input Range: DC 9V - 28V		DC 24V, Input Range: DC 18V-28V			
Power Protection	Protected from thunderstrike and surging		Isolated power supply, protected from thunderstrike and surging		Protected from thunderstrike and surging	
Power Down Allowed	< 5ms					
CE & RoHS	Complied with EN61000-6-2: 2005 EN61000-6-4: 2007, RoHS					
Operating Temperature	-10-50°C		-20-70°C		-10-60°C	
Storage Temperature	-20-70°C		-30-80°C		-20-70°C	
Operating Humidity	10-90%RH (No condensation)					
Vibration Endurance	10-25Hz (X/Y/Z 2G/30Min)					
Cooling	Natural air cooling					
Degree of Protection	Front IP65 (with NEMA panel), Back IP20					
Shell Material	ABS + PC					
Panel Cutout (WxH)	178mm x 125mm		230mm x 180mm		370mm x 304mm or Wall Mounting Installation	
Dimension	185.1mm x 131.1mm x 30mm		247mm x 194.3mm x 31.5mm		392mm x 325mm x 62.5mm	
Weight	About 680g		About 1000g		About 5800g	
					About 5300g	

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